

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

Anti-OLIG2 Antibody

RRID:AB_570666

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# AB9610, RRID:AB_570666

Antibody Information

URL: http://antibodyregistry.org/AB_570666

Proper Citation: Sigma-Aldrich Cat# AB9610, RRID:AB_570666

Target Antigen: OLIG2

Host Organism: Rabbit

Clonality: polyclonal

Antibody Name: Anti-OLIG2 Antibody

Description: This polyclonal targets OLIG2

Target Organism: rat, mouse, human

Antibody ID: AB_570666

Vendor: Sigma-Aldrich

Catalog Number: AB9610

Record Creation Time: 20250820T015427+0000

Record Last Update: 20250820T121042+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and

No alerts have been found for Anti-OLIG2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 314 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yang H, et al. (2026) A Zdhhc22-mCherry BAC transgenic mouse line reveals neuronal expression dynamics in the developing and adult CNS. Brain structure & function, 231(2), 17.

Choi CI, et al. (2026) Regional Molecular Diversity in Chronic Spinal Cord Injury. Cellular and molecular neurobiology, 46(1).

Matmat K, et al. (2026) SIRT1 mediates brain metabolic and developmental consequences of methionine synthase deficiency in inborn errors of cobalamin metabolism. Cell reports. Medicine, 7(3), 102643.

Lago C, et al. (2026) Patient-derived ependymoma and medulloblastoma tumoroids: generation, biobanking and drug screening. Nature protocols.

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. Stem cell reports, 21(5), 102896.

Duffy A, et al. (2026) Sex differences in somatosensory circuitry are programmed by developmental microglia-astrocyte interaction. Cell reports, 45(8), 117709.

Tian M, et al. (2026) Protocol for mouse vascular dementia model and evaluation of progressive tissue damage in subcortical white matter and adjacent cortex. STAR protocols, 7(1), 104396.

Xu YKT, et al. (2026) Brain-wide mapping of oligodendrocyte organization, oligodendrogenesis, and myelin injury. Cell, 189(5), 1535.

Scheinok TJ, et al. (2026) Transcranial alternating current stimulation at 10 Hz promotes oligodendrogenesis and reduces g-ratio after cuprizone-induced demyelination. iScience, 29(4), 115322.

Rey A, et al. (2026) An optimized method to visualize lipid droplets in mouse brain tissue. Cell reports methods, 6(6), 101455.

Xiong H, et al. (2026) MicroRNA-200s attenuate demyelination caused by *Angiostrongylus cantonensis* in a mouse model by targeting phosphatase and tensin homolog. *Neural regeneration research*, 21(6), 2599.

Dereddi RR, et al. (2026) Oligodendrocyte mechanotransduction channel TMEM63A regulates myelin sheath geometry. *Neuron*.

Alhama-Riba J, et al. (2026) Characterization of postnatal brain injury and behavioural deficits in a rat model of placental insufficiency-induced fetal growth restriction. *The Journal of physiology*.

Mendoza-Silva V, et al. (2026) The MacBrain Resource Center (MBRC) rhesus macaque postnatal brain histology datasets: Enabling new discoveries through NHP tissue and digital data Repositories. *Journal of anatomy*.

Ezquerro-Herce S, et al. (2026) Cannabinoid CB1 receptors drive oligodendrocyte maturation during myelin regeneration. *Cell communication and signaling : CCS*, 24(1).

Cook AK, et al. (2026) Human TDP-43 expression worsens FTD-related phenotypes in progranulin-insufficient mice. *Neurobiology of disease*, 227, 107475.

Bardy-Lagarde M, et al. (2025) Estradiol Promotes Myelin Repair in the Spinal Cord of Female Mice in a CXCR4 Chemokine Receptor-Independent Manner. *International journal of molecular sciences*, 26(10).

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Peng T, et al. (2025) Individualized patient tumor organoids faithfully preserve human brain tumor ecosystems and predict patient response to therapy. *Cell stem cell*, 32(4), 652.

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. *Immunity*, 58(1), 197.